

11-23-01 A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Timothy E. Benson ) Group Art Unit: Unknown  
Serial No.: Unassigned ) Examiner: Unknown  
(Parent: 09/632,947 )  
Filed: Herewith ) Docket No. 6241.N DV1

For: CRYSTALLIZATION AND STRUCTURE DETERMINATION OF *STAPHYLOCOCCUS AUREUS* UDP-N-ACETYLENOLPYRUVYLGLUCOSAMINE REDUCTASE (*S. aureus* MurB)

Assistant Commissioner for Patents  
Box PATENT APPLICATION  
P.O. Box 2327  
Arlington VA 22202.

We are transmitting the following documents along with this Transmittal Sheet (which is submitted in triplicate):

- ☒ REQUEST FOR FILING A DIVISIONAL PATENT APPLICATION UNDER RULE 1.53(b) (3 pgs.);  
☒ UTILITY PATENT APPLICATION including:  
☒ Specification (63 consecutively numbered pages including 53 claims on 12 consecutively numbered pages and a 1 pg Abstract);  
☒ Drawings (12 figures on 625 sheets);  
☒ A signed Declaration and Power of Attorney (2 pgs)  
☒ A paper copy form of the Sequence Listing (17 pgs)  
Application Data Sheet ( \_ pgs).  
☒ An itemized return postcard.  
A certified copy of a \_ application, Serial No. \_\_, filed \_\_\_\_, the right of \_\_ priority of which is claimed under 35 U.S.C. §119.  
☒ Computer readable form of "Sequence Listing." Applicants state that the paper copy form of the "Sequence Listing" section of the present application, and the computer readable form submitted herewith, are the same.  
Other: \_\_.  
☒ A check in the amount of \$3444 to pay the filing fee, which is calculated below:

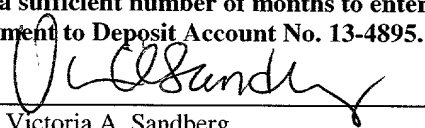
APPLICATION FILING FEE					
	Number of Pending Claims (1)	Claims Included in Basic Filing Fee (2)	Number of Extra Claims (1-2)	Cost per Extra Claim	Fee Required
Total Claims	80	- 20 =	60	x \$18 =	1080
Independent Claims	19	- 3 =	16	x \$84 =	1344
One or More Multiple Dependent Claims Presented? If Yes, Enter \$280 Here →					280
Enter Basic Filing Fee (Utility Patent-\$740) Here →					740
Total Application Filing Fee					3444

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 13-4895.

Triplicate copies of this sheet are enclosed.

MUETING, RAASCH & GEBHARDT, P.A.

Customer Number: 26813

By:   
Name: Victoria A. Sandberg  
Reg. No.: 41,287  
Direct Dial: 612-305-1226  
Facsimile: 612-305-1228

CERTIFICATE UNDER 37 CFR §1.10:

"Express Mail" mailing label number: EL888272538US

Date of Deposit: November 21, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box PATENT APPLICATION, P.O. Box 2327, Arlington VA 22202.

By:   
Name: Louise M. Guggisberg

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Docket Number	Anticipated Classification		Prior Application	
6241.N DV1	Class	Subclass	Examiner Shubo Zhou	Art Unit 1631

**REQUEST FOR FILING A DIVISIONAL PATENT APPLICATION  
UNDER RULE 1.53(b)**

Assistant Commissioner for Patents  
Box PATENT APPLICATION  
P.O Box 2327  
Arlington VA 22202

Sir:

This is a request for filing a divisional application under 37 CFR §1.53(b) of Serial No. 09/632,947, Confirmation No. 1128, filed on August 4, 2000, entitled CRYSTALLIZATION AND STRUCTURE DETERMINATION OF STAPHYLOCOCCUS AUREUS UDP-N-ACETYLENOLPYRUVYLGLUCOSAMINE REDUCTASE (*S. aureus* MurB) by the following inventor (name, address, and citizenship):

Timothy E. Benson  
2690 Timberleaf Lane  
Kalamazoo, Michigan 49006  
Citizen of United States of America

1. ☒ Enclosed is a copy of the specification (including claims, abstract, and drawings) as filed in the prior application.
2. ☐ Enclosed is a new specification (including claims and abstract). The entire disclosure of the prior application is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference.
3. ☒ Enclosed is a copy of the Declaration and Power of Attorney filed in the prior application.
4. ☐ Enclosed is a newly executed Declaration and Power of Attorney.
5. ☒ Enclosed are formal drawings (12 figures on 625 sheets).
6. ☒ Cancel in this application claims 47-53 before calculating the filing fee. (At least one independent claim must be retained for filing purposes.)
7. ☐ A preliminary amendment is enclosed.

**Filed: Herewith**

**Title: CRYSTALLIZATION AND STRUCTURE DETERMINATION OF *STAPHYLOCOCCUS AUREUS* UDP-N-ACETYLENOLPYRUVYLGLUCOSAMINE REDUCTASE (*S. aureus* MurB)**

8. X The filing fee is calculated below:

CLAIMS AS FILED			
NUMBER FILED	NUMBER EXTRA	RATE	BASIC FEE \$740/\$370
Total Claims      80-20 =	60	\$18/\$9	\$1080
Independent Claims      19-3 =	16	\$84/\$42	\$1344
MULTIPLE DEPENDENT CLAIM PRESENTED		\$280/\$140	\$280
FILING FEE:			\$3444

9. X A check in the amount of \$3444 is attached.
10. X The Commissioner is hereby authorized to charge any additional fees as set forth in 37 CFR §1.16 to 1.18 which may be required by this paper or credit any overpayment to Account No. 13-4895.
11. X This application is being filed by less than all of the inventors named in the prior application. Please delete the names of the following inventor(s) who are not inventors of the invention claimed in the present application: Melissa S. Harris.
12. X Amend the specification by inserting as the first sentence on page 1, the following: -- This is a division of application Serial No. 09/632,947, filed August 4, 2000 (pending), which is incorporated herein by reference.--
13.     Priority of foreign application Serial No.    , filed on     in (country)     is claimed under 35 U.S.C. §119.
14. X The prior application is assigned of record to Pharmacia & Upjohn Company.
15. X The Power of Attorney in the prior application is to:

**Victoria A. Sandberg**  
Mueting, Raasch & Gebhardt, P.A.  
P.O. Box 581415  
Minneapolis, MN 55458-1415  
**Customer Number 26813**

Filed: Herewith

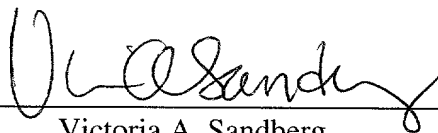
Title: CRYSTALLIZATION AND STRUCTURE DETERMINATION OF *STAPHYLOCOCCUS AUREUS* UDP-N-ACETYLENOLPYRUVYLGLUCOSAMINE REDUCTASE (*S. aureus* MurB)

Address all future communications to:

MUETING, RAASCH & GEBHARDT, P.A.  
P.O. Box 581415  
Minneapolis, Minnesota 55458-1415  
Customer Number 26813

Attn: Victoria A. Sandberg  
(Telephone: 612-305-1220)  
(Facsimile: 612-305-1228)

Date: November 21, 2001



Victoria A. Sandberg  
Reg. No. 41,287  
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Name: Louise M. Guggisberg

